- (f) Project economic assessment. For projects whose total eligible costs are greater than \$50,000, provide an analysis of the proposed project to demonstrate its financial performance, including the calculation of simple payback. The analysis should include applicable investment incentives, productivity incentives, loans and grants, and expected energy offsets or sales on a monthly and annual basis. In addition, provide other information necessary to assess the project's cost effectiveness.
- (g) Equipment procurement. Demonstrate that equipment required for the energy efficiency improvement(s) is available and can be procured and delivered within the proposed project development schedule. Energy efficiency improvements may be constructed of components manufactured in more than one location. Provide a description of any unique equipment procurement issues such as scheduling and timing of component manufacture and delivery, ordering, warranties, shipping, receiving, and on-site storage or inventory. Provide a detailed description of equipment certification. Identify all the major equipment that is proprietary and justify how this unique equipment is needed to meet the requirements of the proposed design. Include a statement from the applicant certifying that "open and free" competition will be used for the procurement of project components in a manner consistent with the requirements of 7 CFR part 3015 of this title.
- (h) Equipment installation. Describe fully the management of and plan for installation of the energy efficiency improvement(s), identify specific issues associated with installation, provide details regarding the scheduling of major installation equipment needed for project discussion, and provide a description of the startup and shakedown specifications and process and the conditions required for startup and shakedown for each equipment item individually and for the system as a whole. Include in this discussion any unique concerns, such as the effects of energy efficiency improvements on system power quality. Include a statement from the applicant certifying that equipment installation will be made in accordance with all applicable safety and work rules.
- (i) Operations and maintenance. Identify the operations and maintenance requirements of the energy efficiency improvement(s) necessary for the energy efficiency improvement(s) to perform as designed over the design life. The application must:
- (1) Provide information regarding component warranties and the availability of spare parts;
- (2) Describe the routine operation and maintenance requirements of the proposed project, including maintenance schedules for the mechanical and electrical systems and system monitoring and control requirements:

- (3) Provide information that supports expected design life of the improvement(s) and timing of major component replacement or rebuilds:
- (4) Provide and discuss the risk management plan for handling large, potential failures of major components. Include in the discussion, costs and labor associated with the operation and maintenance of the improvement(s), and plans for in-sourcing or outsourcing; and
- (5) For owner maintained portions of the improvement(s), describe any unique knowledge, skills, or abilities needed for service operations or maintenance.
- (j) Dismantling and disposal of project components. Describe a plan for dismantling and disposing of project components and associated wastes at the end of their useful lives. Describe the budget for and any unique concerns associated with the dismantling and disposal of project components and their wastes.

PART 4284—GRANTS

Subpart A—General Requirements for **Cooperative Services Grant Programs**

4284.1 Purpose. 4284.2 Policy. 4284.3 Definitions.

4284.4 Appeals. [Reserved]

Applicant eligibility. 4284.6 4284.7 Electronic submission.

4284.8 Grant approval and obligation of funds.

4284.9 Grant disbursement.

4284.10 Ineligible grant purposes.

4284.11 Award requirements.

4284.12 Reporting requirements. Confidentiality of reports.

4284.13 4284.14 Grant servicing.

4284.15 Performance reviews.

4284.16 Other considerations. 4284.17 Member delegate clause.

Audit requirements. 4284.18

4284 19 Programmatic changes

4284.20-4284.99 [Reserved]

4284.100 OMB control number.

Subparts B-E [Reserved]

Subpart F—Rural Cooperative **Development Grants**

4284.501 Purpose.

4284.502 Policy.

Program administration. 4284 503

4284.504 Definitions.

4284.505-4284.506 [Reserved] 4284 507

Eligibility for grant assistance.

4284.508 Use of grant funds.

4284.509 Limitations on grants.

§ 4284.1

7 CFR Ch. XLII (1-1-06 Edition)

4284.510	Application processing.
4284.511	Evaluation screening.
4284.512	Evaluation process.
4284.513	Evaluation criteria and weights.
4284.514	Grant closing.
4284 515-	4284 599 [Reserved]

4284.600 OMB control number.

Subpart G—Rural Business Opportunity Grants

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4284.601 Purpose.
4284.602 Policy.
4284.603 Definitions.
4284.604-4284.619 [Reserved]
4284.620 Applicant eligibility.
4284.621 Eligible grant purposes.
4284.622-4284.628 [Reserved]
4284.629 Ineligible grant purposes.
4284.630 Other considerations.
4284.631-4284.637 [Reserved]
4284.638 Application processing.
4284.639 Grant selection criteria.
4284.640 Appeals.
4284.641—4284.646 [Reserved]
4284.647 Grant approval and obligation of
    funds.
4284.648 Fund disbursement.
4284.649-4284.655 [Reserved]
4284.656 Reporting.
4284.657 Audit requirements.
4284.658-4284.666 [Reserved]
4284.667 Grant servicing.
4284.668 Programmatic changes.
4284.669-4284.683 [Reserved]
4284.684 Exception authority.
4284.685–4284.698 [Reserved]
4284.699 Member delegate clause.
4284.700 OMB control number.
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Subparts H-I [Reserved]

Subpart J-Value-Added Producer Grants

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4284.901 Purpose.
4284.902 Policy.
4284.903 Program administration.
4284.904 Definitions.
4284.905-4284.906 [Reserved]
4284.907 Eligibility for grant assistance.
4284.908 Use of grant and matching funds.
4284.909 Limitations on use of funds and
   awards.
4284.910 Application processing.
4284.911 Evaluation screening.
4284.912 Evaluation process.
4284.913 Evaluation criteria and weights.
4284.914 Grant closing.
4284.915-4284.999 [Reserved]
4284.1000 OMB control number.
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Subpart K—Agriculture Innovation Demonstration Centers

4284.1001	Purpose.
4284.1002	Policy.
4284.1003	Program administration.

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4284.1005-4284.1006 [Reserved]
4284.1007 Eligibility for grant assistance.
4284.1008 Use of grant funds.
4284.1009 Limitations on awards.
4284.1010 Application processing.
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4284.1011 Evaluation screening. 4284.1012 Evaluation process.

4284 1004 Definitions

4284.1013 Evaluation criteria and weights. 4284.1014 Grant closing.

4284.1015–4284.1099 [Reserved] 4284.1100 OMB control number.

AUTHORITY: 5 U.S.C. 301 and 7 U.S.C. 1989. Subpart F also issued under 7 U.S.C 1932(e). Subpart G also issued under 7 U.S.C 1926(a)(11).

Subpart J also issued under 7 U.S.C 1621 note.

Subpart K also issued under 7 U.S.C. 1621 note.

SOURCE: 62 FR 42387, Aug. 7, 1997, unless otherwise noted.

Subpart A—General Requirements for Cooperative Services Grant Programs

SOURCE: 69 FR 23425, Apr. 29, 2004, unless otherwise noted.

§ 4284.1 Purpose.

The purpose of this subpart is to set forth definitions and requirements which are common to all grant programs set forth in this part administered by Cooperative Services within the Rural Business-Cooperative Service (RBS). Programs administered by the Business Programs within RBS are not affected by this subpart.

§ 4284.2 Policy.

It is the policy of Cooperative Services to administer grant programs as uniformly as possible to minimize unnecessary inconsistencies in the administration of the grant programs provided for in this part. The specific provisions or definitions provided in the subparts that are specific to Cooperative Services are supplemental to these general provisions. Where a specific program provision is expressly different from what is provided in this subpart, the program specific subpart shall prevail.

§ 4284.3 Definitions.

Agency—Rural Business-Cooperative Service (RBS), an agency of the United